IN THE SPECIFICATION:

Please amend the specification as follows:

Please replace the sentence beginning at page 7, line 16, with the following

amended sentence:

- - This object [[is]] can be achieved by a test switching circuit having the

features recited by the claims of claim 1. - -

Please replace the sentence beginning at page 8, line 9, with the following

amended sentence:

- - A further advantage of the test switching circuit according to the present

invention having the features recited by the claims of main claim 1 is that the data

transmission in the normal operation mode is not affected, i.e. the parasitic

capacitance is not increased by the test switching circuit according to the present

invention. - -

Please replace the paragraph beginning at page 13, line 18, with the following

amended paragraph:

- - As can be seen from figure 6 a high speed data interface 1 according to the

present invention comprises an internal data input 2 and an internal data output 3 to

connect the high speed data interface 1 to a data processing core 4A within an

integrated circuit. The integrated circuit comprises several high speed data interfaces

- 2 -

1. Each high speed data interface 1 has a transmission data output pad 4B and a reception data input pad 5 to connect the integrated circuit to an external circuitry. A serial data stream is transmitted via the transmission output pad 4B to the external circuit board and a serial data reception stream is received via the reception data pad 5. In the embodiment as shown in figure 6 the high speed data interface 1 comprises a test signal generator 6 and a test signal analyzer 7 which are controlled by a mode control unit 8. In an alternative embodiment the test signal generator 6, the test signal analyzer 7 and the mode control unit 8 are not provided within the high speed data interface 1 but separately within the integrated circuit. - -

Please replace the paragraph beginning at page 14, line 6, with the following amended paragraph:

- In the data transmission signal path 17, a multiplexer 9 is provided with switches either data output by the data processing core 4A or the test data pattern generated by the test signal generator 6 via an internal line 10 to a transmitter 11 which includes a serialiser and a pre-driving stage for signal amplification. The output of the transmitter 11 is connected via an internal line 12 to a final output driver stage 13 the output of which is connected via an internal line 14 to a programmable termination resistor stage 15. The programmable termination resistor stage 15 is connected via an internal line 16 to the transmission data pad 4B of the integrated circuit. The programmable termination resistor stage a plurality of

resistors which are switched by means of transistors to adapt the output impedance of the transmission signal path within the high speed data interface 1 to a load impedance connected to the transmission data pad 4B. The transmitter 11, the output signal driver 13 and the programmable termination resistor stage 15 form a transmission data signal path 17 within the high speed data interface 1. - -

Please replace the paragraph beginning at page 16, line 11, with the following amended paragraph:

-- In a normal operation mode, the programmable termination resistor output stage 15 is separated from the programmable termination resistor input stage 18 by the test switching circuit 26. The multiplexer 9 switches the data processing core 4A of the integrated circuit to the data transmission signal path 17 and the demultiplexer 34 switches the output of the data reception signal path 25 to the data processing core 4A of the integrated circuit. In the normal operation mode no test is performed and the data output by the core 4A is transmitted via the transmission signal path 4B to the external circuitry. In the same manner data received via the data reception pad 5 is forwarded by the data reception signal path 25 to the data processing core 4A of the integrated circuit. --

Please replace the paragraph beginning at page 17, line 35, with the following amended paragraph:

-- In a third operation mode, i.e. a receiver test mode, the test switching circuit 26 according to the present invention switches the data reception signal path 25 of the interface 1 to an internal test point. The test point 35 is connected in a preferred embodiment for a built in self test circuitry (BIST) forming a further test loop via the data processing core 4A and the data reception signal path 25 of the high speed data interface 1. In this receiver test mode it is possible to test the functionality of the data reception signal path 25 separately. --

Please replace the paragraph beginning at page 20, line 34, with the following amended paragraph:

- The test switching circuit **26** comprises six pairs of controllable switching transistors T1 to T6. In a preferred embodiment as shown in figure 7, the switching transistors are formed by MOSFET transistors. The first pair of switching transistors TP1, TN1 (T1) is controlled by a first configuration bit C1 of the configuration register **29** and switches the termination resistor output stage **15** to nodes **47-N**, **47-P** within the switching circuit **26** when the control bit **C1** is high. In the same manner, the sixth pair of switching transistors TN6, TP6 (T6) switch the input **28-N**, **28-P** to the termination resistor input stage **18** to nodes **48-P**, **48-N** when the corresponding control bit **C6** is logical high. - -

Please replace the sentence beginning at page 21, line 11, with the following amended sentence:

- - The gates of the second pair of transistors TN2, TP2 (T2) receive the control bit C2 of the configuration bit and switches nodes 47-P, 47-N to a reference potential GND-P, GND-N if the configuration bit C2 is logical high. - -

Please replace the paragraph beginning at page 21, line 16, with the following amended paragraph:

- - The gates of the third pair of transistors TN3, TP3 (T3) receive a third configuration bit C3 of the configuration register 29. If the configuration of C3 is high the transistors TP3, TN3 (T3) connect the nodes 48-P, 48-N to GNDP and GNDN. - -

Please replace the paragraph beginning at page 21, line 22, with the following amended paragraph:

- - The gates of fourth pairs of transistors TP4, TN4 (T4) receive a fourth configuration bit C4. In case that the fourth control configuration bit C4 is logical high nodes 47-P, 47-N are connected to test point nodes 35-N, 35-P. - -

Please replace the sentence beginning at page 21, line 28, with the following amended sentence:

- - A fifth pair of transistors **TN5**, **TP5** (T5) is controlled by a fifth configuration bit (5) of the configuration register **29** and connects the test points **35-N**, **35-P** to nodes **48-P**, **48-N** when the fifth configuration bit **C5** is logical high. - -

Please replace the Abstract beginning at page 30, line 3, with the following amended Abstract:

- A test switching circuit for a high speed data interface is disclosed. Test switching circuit for a high speed data interface [[(1)]] of an integrated circuit comprising switching transistors (T1-T6) which switch in a test mode a termination resistor output stage [[(15)]] of a data transmission signal path [[(17)]] to a termination resistor input stage [[(18)]] of a data reception signal path [[(25)]] to form an internal feedback test loop within said integrated circuit. - -

Please delete the phrase "(Figure 6)" at page 30, line 12, of the Abstract.